

AMENDMENTS TO THE SPECIFICATION:

Please amend the last paragraph starting on page 15 and continuing to page 16 of the specification as follows:

When the result of the stable state decision becomes “OK” and control is passed, then the wait time calculating section 26 calculates a real measuring time corresponding to the number of measurements, i , and obtains an optimal value of the wait time (Step 3). Here, upon calculating the real measurement time corresponding to the number of measurements, i , it is possible to readily calculate it, for example, ~~as a once real measuring time Δt $\times i$ = wait time~~ where a real measurement time for once is Δt , wait time is given by $\Delta t \times i$. The calculated real measuring time is stored in the wait time memory section 17 (Step 4).